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10/725,483 Examiner

Date

Jessica L. Reidel

Applicant(s)/Patent under Reexamination

FUKUI, YOSHIHITO

Art Unit

3766

| <b>√</b> | Rejected |
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| =        | Allowed  |

| 1 | (Through numeral)<br>Cancelled |
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Claim

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| Cla          | im                                     | Date  |          |          |              |              | <del></del> |          |          |          |  |
| Final        | Original                               | 2/10/06   |          |          |              |              |             |          |          |          |  |
|              | 1                                      | 7<br>7<br>7<br>7<br>7<br>7<br>7   |          |          |              |              |             |          |          | コ        |  |
|              | 2                                      | -   |          |          |              |              |             |          |          |          |  |
|              | 3                                      | 7   |          |          |              |              |             |          |          | $\neg$   |  |
|              | 4                                      | 1   |          |          |              |              | _           | _        |          | $\neg$   |  |
|              | 1<br>2<br>3<br>4<br>5                  | J   |          | Н        |              |              | -           | _        | -        | ヿ        |  |
| <del> </del> | 6                                      | j   | -        | H        |              |              |             |          | _        | ㅓ        |  |
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|              | 10                                     | J   |          |          | -            | -            | -           |          |          | $\dashv$ |  |
|              | 11                                     | 1   |          |          | —            | <u> </u>     |             |          | _        | -        |  |
|              | 12                                     |   |          | -        | _            | -            |             | -        |          | -        |  |
|              | 10<br>11<br>12<br>13<br>14<br>15<br>16 | \ \frac{1}{1} \]  |          |          | <u> </u>     | $\vdash$     | $\vdash$    |          |          | $\dashv$ |  |
| ļ            | 13                                     | 1.1   | $\vdash$ | $\vdash$ |              | ├─           | $\vdash$    | $\vdash$ | $\vdash$ | $\vdash$ |  |
|              | 14                                     | N   | $\vdash$ | -        |              |              | -           | <u> </u> | $\vdash$ |          |  |
| <b> </b>     | 15                                     | V   | ⊢        | -        |              | $\vdash$     | $\vdash$    | $\vdash$ | $\vdash$ | $\vdash$ |  |
|              | 10                                     | Ι÷  |          | ⊢        |              |              | _           |          | ⊢        | Н        |  |
|              | 17                                     | Ļ   |          |          |              | _            | <u> </u>    |          | <u> </u> | Н        |  |
|              | 18<br>19                               | 1   | _        | L_       | <u> </u>     | -            |             | <u> </u> | <u> </u> | $\dashv$ |  |
|              | 19                                     | Į V   | Ļ        | _        |              | _            | _           | <u> </u> | ļ        |          |  |
|              | 20                                     | 1   | <u> </u> |          | L            | <u> </u>     |             | _        |          | Ш        |  |
|              | 21                                     | 1   |          | _        | _            | _            | <u>_</u>    |          |          |          |  |
|              | 21<br>22<br>23                         |   | _        | L        |              | _            | <u> </u>    |          |          | _        |  |
|              | 23                                     | ٧   |          | L        | <u> </u>     | _            | _           |          | _        |          |  |
|              | 24<br>25                               | <u></u>   | <u> </u> | _        | L            | _            | _           |          |          |          |  |
|              | 25                                     | L   |          | _        |              | _            | <u> </u>    | <u> </u> | _        | Ш        |  |
|              | 26<br>27<br>28<br>29<br>30             | ļ   | _        | <u> </u> | _            | <u> </u>     |             | <u> </u> | <u> </u> | Щ        |  |
|              | 27                                     |   | _        | <u> </u> |              | <u> </u>     |             |          |          | Ш        |  |
|              | 28                                     | <u> </u>  | _        | <u> </u> |              |              | L           |          | _        |          |  |
|              | 29                                     | _   |          | <u> </u> |              |              | <u> </u>    |          | _        |          |  |
| L            | 30                                     | <u> </u>  | L        | ļ        |              | $oxed{oxed}$ | <u> </u>    | _        | _        |          |  |
|              | 31                                     |   |          | <u> </u> |              | L            | L           | _        | _        |          |  |
|              | 32                                     | <u></u>   | _        |          | $oxed{oxed}$ | L            | _           | L.       | _        |          |  |
|              | 32<br>33                               | $oxedsymbol{ox{oxedsymbol{oxedsymbol{oxedsymbol{ox{oxedsymbol{ox{oxedsymbol{oxedsymbol{ox{oxedsymbol{oxedsymbol{ox{oxed}}}}}}$ | <u></u>  | L        | _            |              |             | <u></u>  |          |          |  |
|              | 34                                     | Ĺ   | 匚        | 匚        |              |              |             |          |          |          |  |
|              | 35<br>36                               |   |          | L        | 匚            | $\Box$       | Ĺ           |          |          |          |  |
|              | 36                                     |   | L        |          |              |              | $\Box$      |          | L        |          |  |
|              | 37                                     |   | Ĺ        | Ĺ        |              | 匚            | 匚           |          |          |          |  |
|              | 38                                     |   |          |          | L            | 匚            | $\Box$      | L        | L        |          |  |
|              | 39                                     |   |          |          |              |              | 匚           |          |          |          |  |
|              | 40                                     |   |          |          |              | 匚            |             | Ľ        | L        |          |  |
|              | 41                                     |   |          | L        |              | Ĺ            | $\Box$      |          |          |          |  |
|              | 42                                     |   |          |          |              |              |             | 匚        |          |          |  |
|              | 43                                     |   |          |          |              |              |             | L        |          |          |  |
|              | 44                                     | Γ   |          |          |              |              |             |          |          |          |  |
|              | 45                                     | 1   | Γ        |          |              |              | L           |          |          |          |  |
|              | 46                                     | Ì   | Π        | П        | Γ            | Π            | Π           |          | Π        | П        |  |
|              | 47                                     |   |          | П        |              | T            | 1           | Г        | Г        | П        |  |
|              | 48                                     |   | 1        |          | T            | T            |             | Г        | T        | Г        |  |
|              | 49                                     | T   | T        | T        | İΤ           | 1            | 1           | П        |          |          |  |
|              | 50                                     | T   | †        | 1-       | t            | t            | t           | T        | T        | t        |  |

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| Final       | Original       |  |              |              |            |              |          |          |  | •        |
|             | 51             | $\neg$   |              | $\neg$       |            |              |          |          | $\neg$   |          |
|             | 51<br>52<br>53 | 寸  | 寸            | 一            |            |              | $\neg$   | $\neg$   | ┪  | $\neg$   |
|             | 53             | <del>- t</del>                                   | ┪            | _            | $\dashv$   |              |          | -        | $\neg$   | _        |
| $\vdash$    | 53             |  | $\dashv$     | $\dashv$     | $\dashv$   | -            | -        | $\dashv$ |  |          |
|             | 54<br>55       |  |              | -            | _          | _            | -        | $\dashv$ | ᅱ  | _        |
|             | 55             |  |              |              |            |              |          | _        | -  |          |
|             | 56             |  | _            | _            |            |              |          | _        | _  |          |
|             | 57             | _  | _            | _            | _          |              | Ш        |          | _  |          |
|             | 58             |  |              |              |            |              |          |          |  |          |
|             | 59<br>60       |  |              |              |            |              |          |          |  |          |
|             | 60             |  |              |              |            |              |          |          |  |          |
|             | 61             |  |              |              |            |              |          |          |  |          |
|             | 62<br>63       |  |              |              |            |              |          |          |  |          |
|             | 63             |  | T            |              |            |              |          |          |  |          |
|             | 64             | $\dashv$   |              | $\dashv$     |            |              |          | _        |  |          |
|             | 65             | -  |              | $\neg$       |            |              | -        |          | -  |          |
|             | 65<br>66       | -  |              |              |            | $\vdash$     | $\vdash$ | -        | $\vdash$   |          |
| <u> </u>    | 67             |  | -            |              | _          |              | $\vdash$ |          |  | _        |
|             | 07             |  | $\dashv$     |              |            |              |          |          |  | _        |
| ļ           | 68<br>69       |  |              | _            |            |              | <u> </u> |          |  |          |
| <u> </u>    | 69             | Ц  |              |              |            |              |          |          |  |          |
| L           | 70<br>71       |  |              |              |            |              |          |          |  |          |
| L           | 71             |  |              |              |            |              |          |          |  |          |
|             | 72             |  |              |              |            |              |          |          |  |          |
|             | 73             |  |              |              |            |              |          |          |  |          |
|             | 72<br>73<br>74 |  |              |              |            |              |          |          |  |          |
|             | 75             |  |              |              |            | Т            |          |          |  |          |
|             | 76             | П  |              |              |            |              |          | _        |  |          |
| <del></del> | 76<br>77       |  | -            |              |            |              |          | _        |  |          |
| -           | 78             | _  |              |              | $\vdash$   | $\vdash$     | $\vdash$ | _        |  |          |
| <u> </u>    | 79             | Н  |              | _            |            |              | H        | $\vdash$ | -  | _        |
|             | 80             | H  |              |              |            | -            | -        | $\vdash$ |  | -        |
|             | 00             | Н  |              |              |            | -            | ⊢        | -        | -  | -        |
| -           | 81<br>82       | -  | _            |              |            | _            |          |          |  | -        |
| ļ           | 82             |  |              |              |            |              | ⊢        | _        |  | _        |
| <u> </u>    | 83             |  |              |              | _          |              |          |          | $\perp$  |          |
| <u> </u>    | 84             |  |              |              | _          | L.           |          |          |  | L        |
|             | 84<br>85       |  |              |              | _          | <u> </u>     |          |          |  |          |
|             | 86             |  |              |              |            |              | _        |          |  | L        |
|             | 87             |  |              |              |            |              |          | <u> </u> |  |          |
|             | 88             |  |              |              |            | I            |          |          |  |          |
|             | 89             |  |              |              |            |              | Γ        |          | Г  |          |
|             | 90             |  |              |              |            | Ī            | Г        | Π        | Г  |          |
|             | 91             | <b>-</b>   |              |              |            |              |          |          |  |          |
|             |                | $I^-$  | Г            | Г            | <u> </u>   | <del> </del> | I        | Г        | 1  | $\Box$   |
| -           | 92<br>93       | <del>                                     </del> | $\vdash$     | H            | 1          | $\vdash$     |          | П        |  |          |
|             | 94             | $\vdash$   | $\vdash$     | $\vdash$     | _          | <del> </del> | T        |          | $\vdash$   | $\vdash$ |
|             | 95             | H  | <del> </del> | -            |            | $\vdash$     | $\vdash$ | _        | <del>                                     </del> | _        |
|             | 96             |  | $\vdash$     | ├            | -          | <del> </del> | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$ |
| -           | 97             | H  | $\vdash$     | <del> </del> | -          | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$ |
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| 1           | 98             | <u> </u>   | ├—           | $\vdash$     | <u> </u>   | ⊢            | 1        | -        | $\vdash$   |          |
|             | 99             | L-   | <b>—</b>     | <u> </u>     | <b>!</b> — | <del> </del> |          | <u> </u> |  | <u> </u> |
| ı           | 100            | ı  | ı            | l            | İ          |              | 1        | l        | 1  | 1        |

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| Final    | Original   |                     | J  | İ              | l        |  |          |            |  | ļ         |
| ΙĒ       | Orić   |                     |  |                |          |  |          |            |  | l         |
|          |  |                     |  |                |          |  |          |            | _  | _         |
|          | 101<br>102<br>103  | _                   | _  |                | _        |  |          | $\dashv$   | _  | _         |
|          | 102  | $\vdash$            |  |                |          |  |          | _          |  | _         |
|          | 103  |                     |  |                |          | _  |          | _          | _  | _         |
|          | 104<br>105<br>106  | Н                   | _  | _              | _        | _  |          | -          | -  |           |
|          | 105  |                     | _  | _              | _        |  |          | $\dashv$   | $\dashv$   | ᆜ         |
|          | 100  | -                   |  |                |          |  |          | $\dashv$   | $\dashv$   | $\dashv$  |
|          | 107<br>108<br>109<br>110<br>111  |                     |  |                |          |  |          | _          |  | -         |
|          | 100  | H                   |  |                |          |  | $\vdash$ |            | $\neg$   |           |
|          | 110  | Н                   | _  | _              |          |  |          |            |  |           |
|          | 111  | -                   |  |                |          |  |          |            |  |           |
|          | 112  |                     |  | _              |          |  |          |            |  |           |
|          | 113  | $\Box$              | _  | _              |          |  |          |            |  |           |
|          | 114  |                     |  |                |          |  |          |            |  |           |
|          | 115  | П                   |  |                | -        |  |          |            |  |           |
|          | 116  |                     |  |                |          |  |          |            |  |           |
|          | 112<br>113<br>114<br>115<br>116<br>117   |                     |  |                |          |  |          |            |  |           |
|          | 118<br>119   |                     |  |                |          |  |          |            |  |           |
|          | 119  |                     |  |                |          |  |          |            |  |           |
|          | 120  |                     |  |                |          | L  |          |            |  | Ш         |
|          | 121  |                     |  |                |          |  |          |            |  |           |
|          | 122  |                     |  |                | <u> </u> | <u> </u>                                     | _        |            | <u>L</u>   | Щ         |
|          | 123  | _                   |  |                | _        | <u>                                     </u> | <u> </u> | _          | _  | $\Box$    |
|          | 124  | <u> </u>            |  |                |          |  | _        |            | _  | $\square$ |
|          | 120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133 | ┝                   |  |                |          | <u> </u>                                     | ├        | _          | <u> </u>   | Н         |
|          | 126  | -                   | <u> </u>   | <del> </del>   | _        | ⊢  |          |            |  | Н         |
|          | 127  | ⊢                   | -  | ├              |          | -  |          | _          | H  | Н         |
|          | 120  | -                   | $\vdash$   | ├              | -        | ├  | $\vdash$ | _          | -  | $\vdash$  |
| -        | 130  | ┢                   | ┢  |                | $\vdash$ | -  | $\vdash$ | ┝          | <del>                                     </del> | Н         |
| <u> </u> | 131  | ┢                   | $\vdash$   | -              | -        | ┢  | H        |            | -  | Н         |
|          | 132  | ┢╌                  | ┢  |                |          |  | ┢        |            | <del>                                     </del> | Н         |
|          | 133  | t                   |  | ├              | _        |  |          |            | $\vdash$   | М         |
|          | 134  | _                   | <del>                                     </del> |                | $\vdash$ | $\vdash$                                     | _        | -          | i  |           |
|          | 134<br>135   |                     |  |                | $\vdash$ |  |          |            |  |           |
|          | 1 126  | T                   |  |                |          | 1  |          |            |  |           |
|          | 137<br>138<br>139  |                     |  |                |          |  | Γ        |            |  |           |
|          | 138  |                     |  |                |          |  |          |            |  |           |
|          | 139  |                     |  |                |          |  |          |            |  |           |
|          | 140  | $ldsymbol{\square}$ |  |                |          | سَـــــــــــــــــــــــــــــــــــــ      | <u>L</u> | <u> </u>   | $oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$        | Ш         |
|          | 141  | _                   | _  | <u> </u>       | _        | <u> </u>                                     | <u> </u> | <u> </u>   | <u> </u>   | Ш         |
|          | 142  | <u> </u>            | ļ  | 1              | L        | $oxed{oxed}$                                 | <u> </u> | <u> </u> _ | <u> </u>   | Ш         |
|          | 143  | <b> </b>            | _  | <u> </u>       |          | <del> </del>                                 | <u> </u> | <u> </u>   | <u> </u>   | Щ         |
|          | 144  | <u> </u>            | -  | <u> </u>       | _        | <del> </del>                                 | 1        | $\vdash$   | <del> </del>                                     | $\vdash$  |
| <u> </u> | 145  | 1-                  | _  | ₩              | <u> </u> | <b>├</b> -                                   |          | L          | $\vdash$   | $\vdash$  |
| <u> </u> | 146  |                     | <del> </del> —                                   | $\vdash$       | -        | <del> </del>                                 | $\vdash$ | $\vdash$   | <b>├</b>   |           |
| <u> </u> | 147  |                     | 1—   | $\vdash$       | -        | <del> </del>                                 | ├-       | -          | ├  |           |
| -        | 148  | ⊢                   | $\vdash$   | <del> </del> - | -        | -  | ├-       | ⊢          | $\vdash$   | $\vdash$  |
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| L        | 150  | 1                   | Ц.   | Щ.             | L        | L_   | <u>i</u> | Ш.         |  | Ь_        |